

SHEVCHENKO, N.A.

USSR / Human and Animal Physiology (Normal and Pathological). Effect on Physical Factors. Ionizing Irradiations T

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 98044

Author : Shevchenko, N. A.

Inst : Not given

Title : Reactive Changes of the Endothelium of the Large Blood Vessels, Which Develop After X-Ray Irradiation

Orig Pub: Tr. Vses. konferentsii po med. radiol. Eksperim. med. radiol. M., Medgiz, 1957, 140-146

Abstract: The rabbits were subjected to irradiation in doses of 600-1500 r and, in the course of six months, the changes of endothelium (E) of large vessels was studied. By two hours after irradiation, there

Card 1/2

AGRE, Valentin L'vovich; SHEVCHENKO, Nikolay Andreyevich;
GOLUBCHIK, R.M., red.

[New gas pipelines in the Soviet Union] Novye gazoprovodnye
truby v SSSR. Moskva, Izd-vo Metallurgiia, 1964. 30 p.
(MIRA 17:7)

BUTINA, I.V.; PLYUSNIN, V.G.; SHEVCHENKO, N.A.

Analysis of phthalic acids by water extraction. Izv. Sib. otd.
AN. SSSR no.6:68-77 *62 (MIRA 17:7)

1. Ural'skiy filial AN SSSR, Sverdlovsk.

SHEVCHENKO, N.A.; RETIVYKH, Yu.I.; SIMONENKOV, Ya.A.

Milling slots with high-pressure cooling. Stan. 1 instr. 35
no.10;28-29 O '64. (MERA 17;12)

SHELUD'KO, Yu.M. [Shelud'ko, Yu.M.]; CHEVCHENKO, N.O. [Chevchenko, N.O.]

Secondary clarification of the plant sap of X-virus infected
potatoes on native ion-exchange resins. Mikrobiol. zhur. 27
no.2:78-82 '65. (MIRA 18:5)

1. Institut mikrobiologii i virusologii AN UkrSSR.

BUTINA, I.V.; PLYUSNIN, V.G.; SHEVCHENKO, N.A.

Spectrophotometric determination of isomeric phthalic acids.
Zhur. anal. khim. 18 no.11:1384-1389 N '63. (MIRA 17:1)

1. Institut khimii Ural'skogo filiala AN SSSR, Sverdlovsk.

AGRE, V.L.; AL'DIYEVA, K.N.; ANANYAN, V.V.; BERLIN, R.I. [deceased];
ISTOMIN, A.V.; KAGAN, I.A.; KRONGAUZ, N.D.; KULAKOV, A.M.;
MARKOV, V.P.; MATVEYEV, Yu.M.; NESVETAYEV, A.M.; OSIFOV, A.P.
[deceased]; POZIN, M.S.; FAINSHTEYN, V.M.; SHAPIRO, B.S.;
SHEVCHENKO, N.A.; SHCHIRIN, V.N.; AL'SHEVSKIY, L.Ye., kand;
tekhn.nauk, red.; VLADIMIROV, Yu.V., red.izd-va; MIKHAYLOVA,
V.V., tekhn.red.

[Rolling and pipe mills] Prokatnoe i trubnoe proizvodstvo.
Pod red. L.E.Al'shevskogo i A.V.Istomina. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1962.
(MIRA 15:2)
246 p.

1. Moscow. TSentral'nyy institut informatsii chernoy metallurgii.
(Rolling mills) (Pipe mills)

SHEVCHENKO, N.A.; VISHNYAKOV, P.A.

Dynamic study of the design of hard-alloy twist drills used
in steel machining. Nauch.dokl.vys.shkoly; mash. i prib.
no.1:192-199 '59. (MIRA 12:8)

1. Stat'ya predstavlena kafedroy "Metallorezhushchiye stanki i
instrumenty" Bryanskogo instituta transportnogo mashinostroyeniya.
(Twist drills)

SHEVCHENKO, Nikolay Akimovich, podpolkovnik; VIL'CHINSKIY, I.K.,
polkovnik, red.; MEDNIKOVA, A.N., tekhn.red.

[Studying the mechanical parts of small arms] Izuchenie
material'noi chasti strelkovogo oruzhiia. Moskva, Voen.izd-vo
M-va obor.SSSR, 1960. 71 p.
(Firearms)

SEMENCHENKO, Ivan Ivanovich, doktor tekhn. nauk, prof., zasl. deyatel' nauki i tekhniki; MATYUSHIN, Valentin Mikhaylovich, doktor tekhn. nauk, prof.; SAKHAROV, Georgiy Nikoalayevich, kand. tekhn. nauk, dots.; SHEVCHENKO, N.A., doktor tekhn. nauk, prof., rets.; IVANOVA, N.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Design and construction of metal-cutting tools] Proektirovaniye metallorezhushchikh instrumentov. Pod red. I.I.Semenchenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1962. (MIRA 15:2) 952 p.

(Metal-cutting tools)

SHEVCHENKO, NIKOLAY Andreyevich

Call Nr: TJ1185.S544

AUTHOR:

Shevchenko, Nikolay A., Prof., Dr. of Technical Sciences

TITLE:

Geometrical Parameters of the Tool Cutting Edge and the Cross-sectional Area of Cut (Geometricheskiye parametry rezhushchey izdelij instrumentov i secheniya sreza)

PUB. DATA:

Gosudarstvennoye nauchno-tehnicheskoye izdatel'stvo mashinostroitel'noy literatury, Moscow, 1957, 140 pp., 5500 copies

ORIG. AGENCY: None given

EDITORS:

Editor: Brushteyn, B. Ye., Candidate of Technical Sciences; Managing Ed., Publishing House: Beyzel'-man, R. D., Engineer; Editor of Publishing House: Morozova, M.N.; Tech. Ed.: Matveyeva, Ye.N.; Corrector: Semenova, D.E., Reviewer: Matalin, A.A., Candidate of Technical Sciences

PURPOSE:

This book is designed for engineers and scientific workers in the field of metal cutting.

Card 1/6

Call Nr: TJ1185.S5⁴⁴

Geometrical Parameters of the Tool Cutting Edge (Cont.)

COVERAGE: The book discusses the principles of determining and generalizing the geometrical parameters of cutting tools for different methods of metalworking as well as the changes occurring in these parameters during the cutting process, which depend on the settings of the tool in relation to the workpiece. A generalized equation for determining the elements of the cross-sectional areas of the cut is presented and exact equations are derived for particular cases of metalworking. The author believes that up to now these basic problems of the investigation of the metal-cutting processes have been neglected or examined from erroneous viewpoints. The book stresses that the generally accepted concepts of the geometrical factors of the metalcutting process substantially differ from reality. This fact does not appear in the absolute values or the final results of mathematical calculation so much as in the determination of the factors actually influencing the process of chip formations. This, however, is the most important factor for a scientific understanding of the phenomena occurring in metal cutting.

Card 2/6

Call Nr: TJ1185.S544

Parameters of the Tool Cutting Edge (Cont.)

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Card 3/6

Call Nr: TJ1185.S544

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Call Nr: TJ1185.S544

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Card 5/6		

SHEVCHENKO, N A

AID P - 5084

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 13/26

Author : Shevchenko, N. A., Prof., Dr. Tech. Sci.

Title : The actual cross section of a cut

Periodical : Vest. mash., 5, 46-50, My 1956

Abstract : The author presents a precise mathematical generalization for determining the cross section of a cut in all machining processes, and points out the methods of its use. Precise formulas are given for determining the cross section of a cut for various machining processes. The practical value of the mathematical formulas consists in the exposure of factors affecting the cross section of a cut. 6 diagrams.

Institution : None

Submitted : No date

DARAGAN, M. [Darahan, M.]; SHEVCHENKO, N.; GORILOV, L. [Horielik, L.];
doktor ekon. nauk, red.; KOROIDA, O., kand. ekon. nauk, red.;
POVOLOTSKIY, A. [Povolots'kiy, A.], red.; KADASHEVICH, O., telchn.
red.

[Economics of socialist industrial enterprises; an album of
diagrams and plans] Ekonomika sotsialistichnykh promyslovykh pid-
pryiemstv; al'bom diagram i skhem. Pid zahal'noiu redaktsiieiu
L. Horielika i O. Koroida. Al'bom uporiadkuvaly M. Darahan i
N. Shevchenko. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1958. 46 l.
(MIRA 11:10)
(in portfolio).

1. Akademiya nauk URSR, Kiev. Instytut ekonomiki.
(Russia--Economic conditions)

22 (1)

SOV/27-59-3-17/37

AUTHOR: Shevchenko, N.TITLE: Without Spending Government Funds
(Bez zatraty gosudarstvennykh sredstv)PERIODICAL: Professional'no-tehnicheskoye obrazovaniye, 1959, Nr 3,
p 18 (USSR)

ABSTRACT: In 1958, the Labor Reserve schools of the Sumy Oblast' accomplished a great work in repairing the school-house and its adjoining areas. The savings in Government funds achieved thereby amounted to 840,000 rubles. The following schools were conspicuous in this respect: The Belopol'skoye zhelezncdorozhnoye uchilishche No 2 (Belopol'ye RR School No 2) with Director Ya. S. Sokolov, the Konotopskoye zhelezndorozhnoye uchilishche No 1 (Konotop RR School No 1) (Director D. Ya. Britov); the Sumskoye tekhnicheskoye uchilishche No 2 (Sumy Technical School No 2) Director P. G. Lotsman; and the Sumskoye stroitel'noye uchilishche No 2 (Sumy Construction School No 2) - Director K. G. Oboznyy.

Card 1/1

LOVI, Aleksandr Abramovich, polkovnik; MUTSYNOV, Sergey Savel'yevich,
polkovnik; SHEVCHENKO, Nikolay Akimovich, podpolkovnik;
VIL'CHINSKIY, I.K., red.

[Problem book on the fundamentals of firing from small
arms and tank, artillery and rocket weapons] Zadachnik po
osnovam strel'by iz strelkovogo, tankovogo, artilleriiskogo
i raketenogo oruzhiia. Moskva, Voenizdat, 1964. 183 p.
(MIRA 17:9)

SHEVCHENKO, N.F.; RYBKN, Yu.F.; ALEKSANDROV, V.V.

Comparison of acidity values of buffer solutions by the method
of volt potential differences. Zhur. anal. khim. 20 no.1:26-
30 '65. (MIRA 18:3)

I. Khar'kovskiy gesudarstvennyy universitet imeni Gor'kogo i
Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov,
stsintilyatsionnykh materialov i osobt chistykh khimicheskikh
veschchestv.

SHEVCHENKO, N.P.; SHERMAN, I.L.; MUZYCHENKO, S.V.; SHEVCHENKO, M.G.,
red.

[Results of the socialist development of the Ukraine in the
first ten years of Soviet rule] Itogi pervogo desiatiletija
sotsialisticheskogo stroitel'stva na Ukraine. Khar'kov,
Khar'kovskoe obl.izd-vo, 1957. 105 p. (MIRA 12:12)
(Ukraine--Economic conditions)

SHEVCHENKO, N.F., red.; AMELIN, F.S., red.; GRECHKO, V.Ye., red.; ISAYEV, V.I., red.; KUZUBOV, V.I., red.; LIBERMAN, Ye.G., prof., doktor ekonom.nauk, red.; MAKARENKO, V.P., red.; SHCHERBININ, I.F., red.; YARMOLOVICH, O.M., red.; KARDASH, G.I., red.; DONSKOI, Ya.Ye., red.; LIMANOVA, M.I., tekhn.red.

[First and foremost; ways to further increase labor productivity in machinery manufacturing enterprises of Kharkov] Samoe vazhnoe, samoe glavnnoe; o putiakh dal'neishego povysheniia proizvoditel'-nosti truda na mashinostroitel'nykh predpriatiiskh Khar'kova. Khar'kov, Khar'kovskoe knizhnoe izd-vo, 1960. 205 p.

(MIRA 13:11)

1. Ukraine. Khar'kovskiy gorodskoy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. 2. Nachal'nik tekhnicheskogo otdela Khar'kovskogo sovnarkhoza (for Kuzubov). 3. Khar'kovskiy inzhenerno-ekonomicheskiy institut (for Liberman).
(Kharkov--Machinery industry--Labor productivity)

RYBGIN, Yu.F.; SHEVCHENKO, N.R.; IZMAYLOV, N.A.

Electrometric apparatus with a dynamic condenser for measuring contact
potential differences. Zhur. fiz. khim. 35 no.1:220-221 Ja '61.
(MIRA 14:2)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
(Electrometer) (Electromotive force)

KHORUNZHIY, V.A.; RAKOVICH, I.I.; SHEVCHENKO, N.F.

In the working group of section No.10 of the Regular Committee
of the Mutual Economic Assistance Council for preparing re-
commendations on uniform rules and standards on explosionproof
electrical equipment. Prom.energ. 19 no. 2:50 F '64.
(MIRA 17:5)

SHEVCHENKO, N.F., otv. red.; BABAYEVA, Ye.K., red.; BELOUSOV, Ye.K.,
red.; VIMNIK, S.A., prof., red.; GERSHEVICH, S.A., red.;
IOSSET, G.Ya., prof., red.; KATYUKHIN, N.Ya., red.;
KISELEVA, A.S., red.; MENSCHIKOVA, L.I., red.; NADGERIYEV, M.K.,
dots., red.; OBUKHOV, P.F., red.; RUTENBURG, D.M., red.;
FAYN, M.A., dots., red.; OVECHKINA, L.S., red.

[Public health in Amur Province; collection of articles]
Zdravookhranenie Amurskoi oblasti; sbornik statei. Blago-
veshchensk, Amurskoe knizhnoe izd-vo, 1962. 236 p.
(MIRA 17:7)

1. Amur (Province) Otdel zdravookhraneniya. 2. Zaveduyushchiy
shchiiy Gospital'noy khirurgicheskoy klinikoy Blagoveschchen-
skogo meditsinskogo instituta, Amurskaya oblast' (for
Iosset). 3. Blagoveschchenskiy meditsinskiy institut,
Amurskaya oblast' (for Obukhov). 4. Zaveduyushchiy Klinikoy
obshchey khirurgii Blagoveschchenskogo meditsinskogo insti-
tuta, Amurskaya oblast' (for Nadgeriyev). 5. Zaveduyushchiy
Kafedroy otorinolaringologii Blagoveschchenskogo meditsin-
skogo instituta, Amurskaya oblast' (for Vinnik). 6. Zave-
duyushchiy Kafedroy sudebnoy meditsiny Blagoveschchenskogo
meditsinskogo instituta, Amurskaya oblast' (for Fayn).

RYBKIN, Yu.F.; SHEVCHENKO, N.F.

Volta effect and the acidity of electrolyte solutions. Elektro-
khimiia 1 no.1:46-52 Ja '65. (MIRA 18:5)

I. Khar'kovskiy gosudarstvennyy universitet i Vsesoyuznyy nauchno-
issledovatel'skiy institut monokristallov.

SHEVCHENKO, N.F.; FILIMONOV, P.V.

Electronic EMP and EMR automatic d.c. bridges. Prom. energ. 20
no.1:52-53 Ja '65. (MIRA 18:4)

SHEVCHENKO, N.F.; FILIMONOV, P.V.

SLUVZG-1M signal lamp device. Prom. energ. 20 no.2:58 '65.

Standardized UEPK-VZG electric drive. Ibid.:59

(MIRA 18:4)

SHEVCHENKO, N.G.

Possibility of using underground waters of the Chil'mamed-Kum
for developing animal husbandry in western Turkmenia. Izv. AN
Turk. SSR no.1:32-37 '57. (MLRA 10:4)

1. Turkmenskoye geologicheskoye upravleniye.
(Chil'mamed-Kum—Water, Underground)

SOV-132-58-8-10/16

Babushkin, V.D., Glazunov, I.S. and Shevchenko, N.G.

AUTHORS:

TITLE: Methods of Determining Exploitable Reserves for Pumping Stations on Large Reservoir of Fresh Water (K metodike opredeleniya ekspluatatsionnykh zapasov dlya vodozaborov na krupnykh linzakh presnykh vod)

PERIODICAL:

Razvedka i okhrana nadr, 1958, Nr 8, pp 43-50 (USSR)

ABSTRACT:

An enormous reservoir of fresh water was discovered lately in the Lower Karakums of West Turkmenia. The area extends over approximately 2,000 square km and the reserves of the water are estimated to amount to 10 cubic km. The fresh water forms the surface and the saline and mineralized waters are located at lower depths. To avoid the drawing out of saline water, the authors propose the installation of twin bore holes, so that the pumping of both, salted and sweet water could proceed simultaneously. By analytical calcul-

Card 1/2

SOV-132-58-8-10/16
Methods of Determining Exploitable Reserves for Pumping Stations on Large Reservoir of Fresh Water

ations, the authors show that the volume of pumped saline and fresh water must be equal; That the mixing of both qualities of water would not take place for at least 25 years as long as the pumping stations are installed at least 2 or 3 km from the boundaries of these waters. There are 4 diagrams and 1 table and 10 Soviet references.

ASSOCIATION: VSEGINGEO; Zapadno-Turkmenskaya geologicheskaya ekspeditsiya
(The West-Turkmenian Geological Expedition)

1. Water--Sources
2. Water--Chemical properties
3. Mathematics--Applications

Card 2/2

10-55 EWT(m) Feb DIA&P

ACCESSION NR: AP5007030

S/0120/65/000/001/0082/0085 12

AUTHOR: Afanas'yev, N. G.; Shevchenko, N. G.; Afanas'yev, G. N. 11
B

TITLE: Calorimeter for measuring bremsstrahlung stream

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1965, 82-85

TOPIC TAGS: bremsstrahlung, bremsstrahlung measurement

ABSTRACT: To eliminate the shortcomings of d-c instruments for measuring bremsstrahlung (BS) proposed by P. D. Edwards et al. (Rev. Sc. Instrum., 1953, v. 24, 490), this article suggests an a-c device based on the compensation measurement principle. A temperature rise caused by the passage of gamma-quanta through an absorber is recorded by a thermistor. By artificially heating a compensating cylinder, a balance a-c circuit maintains equality of temperatures of the absorbing and compensating cylinders with an accuracy of 5×10^{-4} C. With a PS stream of 10^9 effective quanta/sec (400 Mev), the temperature measurement error is 3% or less. With larger BS streams, the accuracy goes higher. Orig. art. has: 4 figures and 3 formulas.

Card 1/2

L 47090-65

ACCESSION NR: AP5007030

ASSOCIATION: Fiziko-tehnicheskiy institut AN UkrSSR (Physico-Technical
Institute, AN Ukr-SSR)

SUBMITTED: 29 Jan 64

ENCL: 00

SUB CODE: NP

No REF Sov. Gov

OTHER: 001

P
Card 2/2

L 01130-66 EWT(1)/EWA(h)

ACCESSION NR: AP5016383

UR/0120/65/000/003/0112/0114

621.383.292

43
42
B

AUTHOR: Shevchenko, N. G.; Reva, D. P.

TITLE: Tunnel-diode circuit for shaping and transmitting photomultiplier pulses

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1965, 112-114

TOPIC TAGS: photomultiplier, pulse shaper

ABSTRACT: A shaping and transmitting circuit is described which is intended for operation with a Cerenkov counter recording the electrons scattered by the target nuclei. The Ge tunnel-diode circuit delivers 0.4-0.45-v signals up to the 10-fold operation threshold. The shaper resolution time is 30 nsec or less. The same tunnel diode is used for transmitting photomultiplier pulses to a scaler only during the synchronization pulses, without impairing the shaper resolution time. Tests have shown that the transmission circuit does not impair the Cerenkov-counter plateau. Orig. art. has: 3 figures.

Card 1/2

L 01130-66

ACCESSION NR: AP5016383 /

ASSOCIATION: Fiziko-tehnicheskiy institut AN UkrSSR (Physico-Technical
Institute, AN UkrSSR)

SUBMITTED: 04Apr64

ENCL: 00

SUB CODE: EC, NP

NO REF SOV: 002

OTHER: 000

Card 2/2 JP

ACC NR: AP6034224

SOURCE CODE: UR/0120/66/000/005/0090/009

AUTHOR: Afanas'yev, N. G.; Denyak, V. M.; Reva, D. P.; Savitskiy, G. A.; Startsev, V. I.; Shevchenko, N. G.

ORG: Khar'kov Physicotechnical Institute, AN UkrSSR (Fiziko-technicheskiy institut AN UkrSSR)

TITLE: A cherenkov counter for recording high energy electrons

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1966, 90-94

TOPIC TAGS: radiation counter, nuclear physics apparatus, electron detection,
CHERENKOV COUNTER, SPECTROMETER

ABSTRACT: A Cherenkov counter serving as a detector of fast electrons at the output of a magnetic spectrometer is described. The counter is designed to detect electrons with $E_e > 100$ Mev. from linear accelerators with sendings durations ranging from 0.2 to 2.5 usec. The electronic circuit of the counter includes a scaling circuit with a ratio of 1:4 and with the resolution of 30 nsec, a pulse forming circuit, and passing circuit which permit counter operation to be synchronized with the electron accelerator. The time resolution of the counter (50 nsec.) permits recording of up to 4 pulses for each sending from the accelerator. Recording effectiveness is near 100%. The authors express their gratitude to V. V. Kondratenko, S. D. Faynizberg, A. I. Germanov, and L. A. Makhnenko for the development of the device. Orig. art. has: 5 figures.

STB CODE: 20 / SUBM DATE: 03Aug65 / ORIG REF: 003 / OTH REF: 003
Card 1/1 UDC: 539.1.074.4

SHEVCHENKO, N. G., Cand Geol-Min Sci --"Subterranean waters
of the Uzboy Karakumov region." Ashkhabad, 1961. (Min of
~~Geol and the Protection of Min Reserves affiliated with the~~
~~Mineral Conservation USSR. Admin of Geol and Min Conservation under~~
~~All Union~~
Council of Ministers TUSSR. ~~East~~ Sci Res Inst of Hydrogeol and
Eng Geol "VSEGININGEO") (KL, 8-61, 234)

- 120 -

SHEVCHENKO, N.G.

Fresh waters in a sand desert as exemplified by the western
Kara Kum. Vop. gidrogeol. i inzh. geol. no. 18:36-41 '59.
(MIRA 14:5)
(Kara Kum—Fresh water)

SHEVCHENKO, N. I.

USSR / Farm Animals. Cattle.
 Abs Jour 1 Ref Zhur - Biologiya, No 2, 1959, No. 7356
 Author 1 Oulyy, M. P.; Rebenichnyj, P. D.; Vassilenko,
 D. Ya.; Gribanov, K. S.; Tandan, A. B.;
 Kurbatov, V. I.; Osaturov, M. M.; Chishin,
 Skryva, O. Ye.; Shavchenko, N. I.
 Inst Not Given
 Title 1 Ways of Raising the Milk's Fat Content in
 Cows
 Orig Pub 1 Vestn. s.-kh. nauk, 1957, No 8, 41-50
 Abstract 1 In repeated experiments it was established
 that when brewer's yeast (3.2 liters per
 head daily) was temporarily fed to cows,
 their milk's fat content became increased
 (by 0.4 percent on the average) for a compa-
 ratively long time. When they were fed bro-
 therwise

yeast, yeast and then sulfuric acid ammonia
 (60-75 g. Per cow daily), the milk's average
 fat content was additionally increased by
 0.20-0.25 percent.

Card 1/2

Card 2/2

FEDOTOV, I.G.; BELOV, A.V.; KRAVTSOV, F.Ye.; MASHIN, A.R.; PUTYAKOV,
K.P.; REZNICHENKO, F.I.; SEMENOV, N.S.; SHEVCHENKO, N.I.;
BAUM, G., red.; BYKOVA, E., tekhn.red.

[Brief handbook for builders] Kratkii spravochnik stroitelia.
Saratov, Saratovskoe knizhnoe izd-vo, 1959. 521 p.

(MIRA 12:12)

(Building)

SHEVCHENKO, N. I., Cand Agr Sci -- "Certain indications ^{of} RUMEN
digestion, intermediate metabolism, and milk yield of cows
~~fed in various ways.~~
~~when feeding them in different ways.~~" Khar'kov, 1961. (Min
of Agr UkrSSR. Khar'kov Zoovet Inst) (KL, 8-61, 255)

- 392 -

S/133/62/000/006/007/015
A054/A127

AUTHORS: Goncharov, B. N., Shevchenko, N. I., Engineers

TITLE: Liquid contact current feed in the electro-polishing of tubes

PERIODICAL: Stal', no. 6, 1962, 539 - 540

TEXT: The untight contact between the graphite brushes and the tube to be electro-polished, mainly in case of an excess current density ($100 - 150 \text{ A/dm}^2$) raised the percentage of rejects. A new method for electro-polishing tubes has been developed, maintaining the conventional casing (1) of the main container and the cathode (2), but using modified front covers, which are fixed with special clamps instead of screw threads, to accelerate mounting and dismantling at the discharge of the tube. The secondary container (3), into which the electric current is fed, is filled with the same electrolyte as the main container. The electrolyte is fed into the container via the sleeve (4). The container areas are divided by a rubber diaphragm (5). The filling of the containers is controlled by the discharge rate of the electrolyte from tubes (6) and (7). The inner surface of the container is coated with lead. The connection between the

Card 1/2

SHEVCHENKO, N.L.; FEDOTOV, I.G.; KRAVTSOV, F.Ye.; SEMENOV, N.V.;
REZNICHENKO, F.I.; PUTYAKOV, K.P.; MASHIN, A.R.; BELOV, A.V.;
KOSTINA, V., red.; LUKASHEVICH, V., tekhn. red.

[Builder's handbook] Spravochnik stroitelia. Izd.2., perer. i
dop. Saratov, Saratovskoe knizhnoe izd-vo, 1962. 478 p.
(Building--Handbooks, manuals, etc.) (MIRA 16:4)

SHEVCHENKO, N. K.

The nature and mechanism of coal-gas outbursts from
coal deposits. N. K. Shevchenko. Ural 28, No. 12, 19-24
(1963).—A hypothesis is presented to explain the outbursts
from coal deposits, which is attributed to a high gas content
in the coal and the presence of micropores in it. The
higher the graphite content in coal, the higher is also the
proportion of micropores. Graphite is assumed to adsorb
methane, and the latter alone is responsible for the violent
ejections of gas and solids. The presence of macro and
intermediate pores reduces the violence of the outbursts,
although these larger pores are filled with free gas. The
total amt. of gas ejected is increased by it, but the violence
of the outburst is reduced, and no solids are carried out.
The principal factors detg. the ejection tendency are there-
fore the coal compn., its pore structure, the gas content, and
the pressure upon the deposit. W. M. S.

COUNTRY : USSR R
CATEGORY : Diseases of Farm Animals. Diseases Caused by Helminths
ABS. JOUR. : RZhBiol., No. 6 1959, No. 26008

AUTHOR : Shevchenko, N. Kh.
INST. : -
TITLE : Measures for the Control of Anaplocephalatoses of Goats and Sheep under Conditions of Uzbekistan
ORIG. PUB. : Veterinariya, 1958, No 5, 67-71

ABSTRACT : Under conditions prevailing in Uzbekistan, thysanieziasis is a predominant invasion disease (up to 80%). Infestation of lambs increases in October, attaining 60-70%, and in adult sheep it reaches up to 30% in April and October. The author recommends that two planned dehelminthization operations be effected in the course of a year: the vernal - in April after the end of

CARD: 1/2

32

SHESVCHENKO, N.Kh.

Epizootology of Thysanosoma and Moniezia infestations of small cattle in Uzbekistan. Uzb.biol.zhur. no.5:65-67 '58.
(MIRA 12:1)

1. Uzbekskiy sel'skokhozyaystvennyy institut im. Kuybysheva.
(Samarkand Province--Tapeworms) (Parasites--Sheep)

SHEVCHENKO, N.Kh.

Diagnosis of thysanieziasis in goats and sheep on the basis of
helminth eggs. Dokl.AN Uz.SSR no.12:63-66 '58. (MIRA 12:1)

1. Uzbekskiy sel'skokhozyaystvennyy institut im. V.V.Kuybysheva.
Predstavлено членом-корреспондентом AN UzSSR G.A.Kudryavtsevym.
(Goats--Parasites) (Sheep--Parasites) (Tapeworms)

CHERKASOVA, A.V., dots.; SAMORODOV, N.M., kand.vet.nauk; SHEVCHENKO, N.Kh.,
assistant

Infectious atrophic rhinitis in swine. Veterinariia 35 no.9:
51-58 S '58. (MIRA 11:9)

1. Uzbekskiy sel'skokhozyaystvennyy institut imeni V.V. Kuybyshева.
(Swine--Diseases and pests)

SHEVCHENKO, N. Kh., Candidate Vet Sci (diss) -- "Measures to combat thysanoso-miasis and monieziasis among small horned animals under the conditions of the Uzbek SSR". Samarkand, 1959. 18 pp (Uzbek Acad Agric Sci, Uzbek Agric Inst im V. V. Kuybyshev), 180 copies (KL, No 24, 1959, 147)

CHERKASOVA, A.V.; CHEPUROV, K.P.; VAKHIDOV, S.N.; SAMORODOV, N.M.; SHEVCHENKO,
N.Kh.

Trichomoniasis in swine. Uzb. biol. zhur. no.2:38-42 '61.
(MIRA 14:5)
1. Uzbekskiy sel'skokhozyaystvennyy institut imeni V.V.Kuybysheva.
(TRICHOMONIASIS) (SWINE-DISEASES)

SHEVCHENKO, N.M.

~~Calculation of labor productivity in industrial enterprises.~~
Visnyk.URSR 29 no.10:17-26 0 '58. (MIRA 11:11)
(Labor productivity)

.SHEVCHENKO, N.M., ass. (Vinnitsa, ul. Frunze, d.32)

Surgical treatment of cardiospasm. Nov.khir.arkh. no.4:21-24
'62. (MIRA 15:5)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. I.M. Grabchenko)
Vinnitskogo meditsinskogo instituta.
(CARDIOSPASM)

MIKUNIS, R.I., dotsent; SHEVCHENKO, N.M.; LIPNITSKIY, T.N.

Systolic murmur in mitral stenosis. Vrach.delo no.18125-127
Ja '63. (MIRA 16:2)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S. Shklyar
[deceased]) i kafedra fakul'tetskoy khirurgii (zav. - prof.
I.M. Grabchenko) Vinnitskogo meditsinskogo instituta.
(HEART --SOUNDS) (MITRAL VALVE--DISEASES)

LIPNITSKIY, T.N.; SHEVCHENKO, N.M.

Diagnosis of mitral insufficiency using the esophagocardiographic method. Grudn. khir. 5 no.3:30-33 My-Je'63
(MIRA 17:1)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. B.S. Shklyar [deceased]) i kafedry fakul'tetskoy khirurgii (zav. - prof. I.M. Grabchenko) Vinnitskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova (rektor - dotsent S.I. Korkhov). Adres avtorov: Vinnitsa, Ul. Pirogova, d.34, kafedra fakul'tetskoy khirurgii Vinnitskogo meditsinskogo instituta.

SHEVCHENKO, N.M. (Vinnitsa, ul. Frunze, 32); LIPNITSKIY, T.N.

Differential diagnosis of mitral defects of the heart. Vest. khir. 92
no. 3:27-31 Mr '64. (MIRA 17:12)

1. Iz Vinnitskogo meditsinskogo instituta imeni N.I.Pirogova (rektor -
dotsent S.I.Korkhov)

KRAKOVSKIY, N.I. (Moskva, G-3-2, ul. Vosstaniya, d.1, kr.104); SHEVCHENKO, N.M.

Comparative data on surgical treatment of mitral stenosis
according to materials of clinical hospitals of the Ministry of
Public Health of the R.S.F.S.R. and of the clinic of the Depart-
ment of Surgery of the Vinnitsa N.I.Pirogov Medical Instituts.
Grud. khir. 6 no.5126-30 S-0 '64. (MIRA 18:4)

1. Kafedra fakul'tetskoy kirurgii (zav. - prof. I.M.Grabchenko)
Vinnitskogo meditsinskogo instituta imeni Pirogova.

SHEVCHENKO, N.N.

Statistics on the movement of personnel at the enterprises of the
confectionery industry. Trudy KTIPI no.20:137-145 '59.
(MIRA 13:12)
(Confectionery--Personnel management)

SHEVCHENKO, N. N.

"Slag from Chalcophrite Fired under Hemp," Dok. AN, 30, No. 8, 1941. Mbr., Agricultural Inst., Khar'kov, -1941.

SHEVCHENKO, N., KUZNETSOV, A.

Collective Farms

Many-sided development of communal economy on the collective farm. Sots.
sel'khoz. 23 No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1953, Uncl.
2

1. SHEVCHENKO, N.
2. USSR (600)
4. Sowing
7. Organization of work for spring planting. Kolkh. proizv. 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

SHEVCHENKO, N.N.

USSR/Agriculture - Fertilization

Card 1/1 : Pub. 86 - 16/46

Authors : Shevchenko, N. N., Cand. Agric. Sci.

Title : Copper fertilizer in drained peat swamps

Periodical : Priroda, 43/9, 86-89, Sep 1954

Abstract : The article deals with the draining of peat swamps in the Ukraine and the planting of crops in them. These crops are found to be defective in many ways and the defects are traced to lack of copper in the soil. The plants considered are grains, hops, beets, potatoes, flax, and hemp. By adding to the soil fertilizer containing about 1% of some copper salt—oxide or vitriol—the volume and the quality of the crop is increased. Comparative figures are given for the results. Illustrations; tables.

Institution :

Submitted :

Shevchenko, N.N.

USSR/Soil Science - Mineral Fertilizers.

J-4

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10538

Author : Shevchenko, N.N.

Inst : Sci Res Institute of Marsh Economy.

Title : The Use of Pyrite Cinders on Dried Out Peat Bog.

Orig Pub : Vestn. s.-kh. nauki, 1956, No 3, 43-48

Abstract : A series of experiments on dried out peat bog, conducted by the Sci Res Institute of Marsh Economy, have indicated the necessity of applying copper fertilizers together with NRK. This combination raises the yields of hemp fiber /solomka/, gives longer and better-quality fiber, and increases the strength of the fiber. It also raises the sugar in the beets. It is recommended that pyrite cinders be applied once every four or five years at the rate of five centners per hectare.

Card 1/1

SHEVCHENKO, N.N., kandidat sel'skokhozyaystvennykh nauk.

Results of experiments with new tillage methods in the Ukraine.
Zemledelie 4 no.5:43-55 My '56. (MLRA 9:8)
(Ukraine--Tillage)

SHEVCHENKO, N. N.

"On the Opistorchosis and "Alariosis" (Russian term: alarioz)
Focus Among the Middle Reaches of the Northern Donets River."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Kharkov State University

SHEVCHENKO, N. N.

"Studies On The Morphogenetic Processes In Planarians By The Method Of Roentgen Irradiation.
Sector Of Experimental Zoology (Chief: Prof. E. Ye. Umanskii), Zoological-Biological Institute
(Director: Prof. A. V. Nagornii), Kharkov." (p. 1013) by Shevchenko, N. N.

SO: PREDECESSOR OF JOURNAL OF GENERAL BIOLOGY. (Biologicheskii Zhurnal) Vol. VII 1938, Nos. 5-6

SHEVCHENKO, N.N.

Investigating the morphological potencies of different parts of the
eye in adult newts. Uch.zap. KGU 33:257-273 '50. (MIRA 11:11)

1. Kafedra zoologii bespozvonochnykh Khar'kovskogo gosudarstvennogo
universiteta (zaveduyushchiy kafedroy - prof. E.Ye. Umanskiy).
(Newts) (Eye)

SHEVCHENKO, N.N.

Parasites of fishes in the Northern Donets River. Report No.1.
Uch.zap. KHGU 51:73-86 '54. (MIRA 11:11)
(Northern Donets River--Parasites) (Parasites--Fishes)

SHEVCHENKO, N.N.

New representative of the subfamily Nephroechinostomatinae
(Oschmarin et Belous, 1951) detected in Kharkov Province.
Uch.zap. EHGU 51:119-121 '54. (MIRA 11:11)
(Zmiyev District--Trematoda) (Parasites--Herons)

USSR/Zooparasitology - General Problems.

G.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 4815⁴

Author : Shevchenko, N.N.

Inst : Kharkov University, Scientific Research Institute of
Biology and Faculty of Biology.

Title : Vernal Parasitic Fauna of Some Fish Species in the
Lower Current of the North Donets.

Orig Pub : Uch. zap. Khar'kovsk. un-t, 1957, 79, Tr. N-i. In-ta biol.
i biol. fak., 26, 5-12.

Abstract : At the dissection of 122 fish of eight species, 42 species
of parasites were found: Sporozoa, 10 species; monoge-
netic trematodes, 14; cestodes, 2; nematodes, 5; leeches,
1; lamellibranchiate mollusks, 1, and 3 species of crusta-
ceans. An interest is aroused in the discovery of meta-
cercarian Opostorchis felineus - a dangerous for man

Card 1/2

USSR / Zooparasitology. General Problems.

G

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24184.

Author : Shevchenko, N. N.

Inst : Scientific Research Institute of Biology and
Biological Factors.

Title :: On Some Geographical Peculiarities of the Para-
sitofauna of Aquatic Reptiles in the Area of the
Middle Course of the Donets River (Kharkov Oblast).

Orig Pub: Uch. zap. Khar'kovsk. un-t, 1957, 90, Tr. N.-i.
in-ta biol. i biol. fak., 30, 139-145.

Abstract: 33 common grass snakes and 31 bog turtles were
dissected. 13 trematode species, 4 nematode spe-
cies and one each of Acanthocephali and Acarina
were discovered. Pelobatidae serve as sources of
infection of common grass snakes with the trema-

Card 1/2

11

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549210009-0
USSR / Zooparasitology. General Problems. G

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24184.

Abstract: todes Encycometra natricis, Astiotrema sp.,
Paralepoderma cloacicola and Alaria alata. In
the bog turtles, 10 species of helminths were
discovered (one species of monogenetic and 6 of
digenetic trematodes, and 3 species of nematodes.
-- G. S. Markov.

Card 2/2

SHEVCHENKO, N.N.

Helminth larvae in aquatic insects of the Northern Donets River
and its bottom-land bodies of water. Dokl. AN SSSR 142 no.4:972-
975 F '62.
(MIRA 15:2)

1. Khar'kovskiy gosudarstvennyy universitet im. Gor'kogo.
Predstavleno akademikom K.I.Skryabinym.

(Donets Valley—Worms, Intestinal and parasitic)
(Parasites—Insects, Aquatic)

SOKOLOV, Vladimir Gennadiyevich; VERKHOVSKIY, I.M., laureat Gosudarstvennoy premii, prof., doktor tekhn. nauk, retsenzent; VESSEL'MAN, S.G., prof., doktor tekhn. nauk, retsenzent; KHVAN, V.I., kand. tekhn. nauk, retsenzent; SHEVCHENKO, N.P., inzh., retsenzent; OL'FERT, A.I., red. izd-va; MAKSIMOVA, V.V., tekhn.red.; OVSEYENKO, V.G., tekhn.red.

[Curves of beneficiation properties of coals] Krivye obogatimosti uglei. Moskva, Gosgortekhizdat, 1962. 88 p. (MIRA 15:12)
(Coal preparation)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549210009-0

*SENOFYNTOVA, A.I., prof.; BURCHAKOV, A.S., kand.tekhn.nauk; MOSKALENKO, E.M.,
inzh.; SHEVCHENKO, N.P., inzh.

Dust removal in longwalls of inclined seams. Ugol' Ukr. 7
no.10:47-48 O '63. (MIRA 17:4)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549210009-0"

SHEVCHENKO, N.P.

Indirect complexometric determination of caffeine. Apt. delo
13 no.1:71-72 Ja-F '64. (MIRA 17:4)

1. Dnepropetrovskiy meditsinskiy institut.

L 7006-66 EWT(m)/T/EWA(h) IJP(c)
ACC NR: AP5026805

SOURCE CODE: UR/0286/65/000/017/0088/0088

INVENTOR: Zhukhovitskiy, A. A.; Turkel'taub, N. M.; Fesenko, Ye. P.; Shevchenko, N. P.

ORG: none

TITLE: An ionization detector. Class 42, No. 174427

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 88

TOPIC TAGS: ionization counter, radiation instrument

ABSTRACT: This Inventor's Certificate introduces an ionization counter which contains a housing, an ion source, e.g. a hydrogen torch, electrodes and pipes for the gas. The measurement circuit is simplified by making the electrodes from different materials, e.g. zinc and copper, to form a galvanic cell.

SUB CODE: NP/ SUBM DATE: 30Jun64/ ORIG REF: 000/ OTH REF: 000

Card 1/2

UDC: 539.074.2

0901 1967

L 7006-66
ACC NR: AP5026805

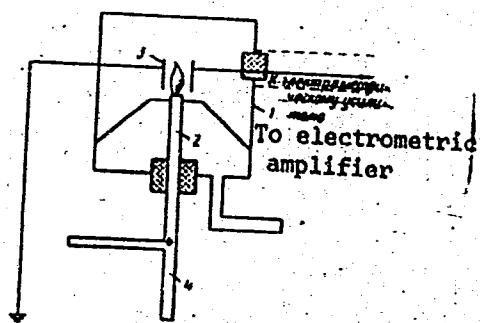


Fig. 1. 1 - housing; 2 - ionization source (hydrogen flame); 3 - electrodes; 4 - gas pipes.

nw
Card 2/2

AUTHOR: Shevchenko, N.S. (Magnitogorsk Metallurgical Combine).¹³⁹

TITLE: The dependence of coke quality on the temperature conditions of coking practice. (Zavisimost' kachestva koksa ot temperaturnogo rezhima koksovaniya.)

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No. 2, pp. 24 - 30, (U.S.S.R.)

ABSTRACT: The influence of heating conditions on the physical properties of coke was investigated. During the investigation, the quality of the coal blend remained practically constant so that the temperature conditions were the main factor affecting the quality of the coke. In experiments in which the duration of the coking period was investigated (14 - 20 hrs), the mean weighted temperature attained in the tar-line plane somewhat varied (Table 1). Coke properties were tested by the standard drum test. It was found that the coke strength was little affected by the duration of the coking time (except for the 20 hrs period), but the size distribution of fines produced during the drum tests, i.e., the mode of coke degradation changes with coking time. With decreasing coking time the mean size of coke decreases, due to a decrease in the proportion of +80 mm fraction, and an increase in all other fractions. The influence of the final temperature attained in the tar-line plane at a constant coking time was investigated for three temperature ranges: 850-950 °C, 950-1 050 °C and 1 050- 1 150 °C. It was established that with increasing final temperature of coke,

SOV/68-58-8-6/28

AUTHORS: Varshavskiy, T.P., Kogan, L.A., Levin, E.D. and
Shevchenko, N.S.

TITLE: An Apparatus for the Determination of the Concentration
of Dust in Coke Oven Gas (Ustanovka po opredeleniyu
kontsentratsii pyli v koksovom gaze)

PERIODICAL: Koks i Khimiya, 1958, Nr 8, pp 18 - 21 (USSR)

ABSTRACT: A modification of the usual apparatus for the determination
of dust in gases adapted for measuring the dust content in
the gas in ascension pipes during charging of coke ovens
is described and illustrated (Figures 1 and 2). The main
features: sampling tube from heat-resistant steel, and
the filler from glass wool enclosed between metallic
screens of 0.5 mm mesh. A good reproducibility of the
results is claimed (table).

There are 2 figures and 1 table.

ASSOCIATION: Magnitogorskiy metallurgicheskiy kombinat
(Magnitogorsk Metallurgical Combine); VUKHIN
Card 1/1 1. Coal--Processing 2. Coal gas--Impurities 3. Coal gas
 --Testing equipment

SOV/68-59-6-7/25

AUTHORS: Varshavskiy, T.P., Dorogobid, G.M., Seppar, A.M. and Shevchenko, N.S.

TITLE: Smokeless Charging of Coke Ovens (Bezdymnaya zagruzka koksovykh pechey)

PERIODICAL: Koks i Khimiya, 1959, Nr 6, pp 24-31 (USSR)

ABSTRACT: In 1955 VUKhIN developed a method of smokeless charging of coke ovens with two collecting mains. The basic deficiency of the method was a decrease in the weight of the charge and an increase in the ash content of tar due to carry over of the coal dust during steam injection. In 1957-58 VUKhIN in co-operation with the Magnitogorsk Metallurgical Combine investigated various methods of charging ovens in order to improve the technology of charging. The main attention was directed towards decreasing the amount of dust carried over into the collecting mains. The characteristic features of the methods tested are shown in Table 1 and the dependence of concentration of dust in the gas in ascension pipes on the moisture content and the content of particles below 50 μ in the blend in Fig 1. The best results were obtained when charging was carried out in two stages:

Card 1/2

Smokeless Charging of Coke Ovens

SOV/68-59-6-7/25

first through two outside holes simultaneously or in turn charging 12.9 tons (without levelling) and then after 15 ~ 25 minutes, through the middle hole (3.3 t) and levelling. Under these conditions the carry over of dust into the collecting mains was the lowest (9.85 ~ 11.8 kg/oven). The method can be used at a moisture content up to 7.5% and with the injection of steam according to the VUKHIN-MMK scheme (Fig 6). The use of vibrating filter screens for the removal of suspended matter from tar was tested with satisfactory results (no details) and will be incorporated into the operation practice on the MMK plant. Continuation of the work on the smokeless charging of coal blends with a moisture content above 7.5% is recommended.

Card 2/2

There are 6 figures, 5 tables .

ASSOCIATION:

Magnitogorskij Metallurgicheskiy Kombinat
(Magnitogorsk Metallurgical Combine) (Dnugobid,
Seppar and Shvachko); svi VUKHIN (Vershavskiy),

USPENSKIY, S.K.; SHEVCHENKO, N.S.

Improvement in the uniform and downward heating of PK-49 ovens.
Koks i khim. no.9:32-35 '61. (MIRA 15:1)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Coke ovens)

SHEVCHENKO, N.S.

Method for measuring the temperature of the upflow flues of coke
ovens. Koks i khim. no.9:37-40 '61. (MIRA 15:1)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Coke ovens)

GRIGOR'YEV, A.V.; KOZLOV, V.M.; FLORINSKIY, I.B.; SHEVCHENKO, N.S.

Automatic control of the uniformity of the heating of the coke
cake. Koks i khim. no.12:14-19 '63. (MIRA 17:1)

1. Magnitogorskiy metallurgicheskiy kombinat.

BUTNIKOV, Nikolay Danilovich; PRITYKO, V.P., retsenzent;
SHEVCHENKO, N.S., retsenzent; NOZDRINA, V.A., red.

[Safety engineering in the dairy industry] Tekhnika bez-
opasnosti v molochnoi promyshlennosti. Moskva, Pishche-
vaya promyshlennost', 1965. 200 p. (MIRA 18:12)

SHEVCHENKO, N.V., inzh.; SAYAPIN, Yu.A., inzh.

New ways of providing transportation services for industrial enterprises. Zhel.dor.transp. 43: no.30:81 0 '61. (MIRA 14:9)
(Railroads--Joint use of facilities)

GELEIN, Z.I., doktor tekhn. nauk, prof.; ASHIKHMEN, V.I., inzh.;
SHEVCHENKO, N.V., inzh.

Utilization of the existing pressure of centrifugal burners.
Teploenergetika 11 no.4:20-22 Ap '64. (MIRA 17:6)

1. Groznenskiy neftyanoy institut.

SHEVCHENKO, N.V.

AUTHOR: Shevchenko, N.V., Mining Engineer 127-58-5-2/30

TITLE: Improvement of the Level Forced-Caving Method in the Mines of the Apatit Combine (Sovershenstvovaniye sistemy etazh-nogo prinuditel'nogo obrusheniya na rudnikakh kombinata Apatit)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 5, pp 6-9 (USSR)

ABSTRACT: One of the main reserves for raising labor efficiency in the mines of the Apatit Combine is improvement in the system of mining. The deposit of apatite ore is mined by blocks 64 to 72 m long and 100 to 200 m wide, depending on the horizontal thickness of the ore body. The height of blocks (the level height) equals 35 to 55 m. The blocks are blasted by sections of 24 x 18 m or 36 x 12 m, in ascending order by sub-levels. Up to 14,000 tons of ore were separated during one blast. The total weight of large charges was limited to 9 or 10 tons, to prevent damage to structures on the surface from seismic oscillations. Experience in applying this mining system since 1937 has shown that improvement is possible along the following lines: increasing the sub-level height, expanding the network of the distribution of explosive charges,

Card 1/2

127-58-5-2/30

Improvement of the Level Forced-Caving Method in the Mines of the Apatit Combine

simultaneous blasting of sections throughout the whole level height, and blasting of charges placed into torpedo drifts. These technical measures have paid off economically and have improved the operation of the mine.
The article contains 3 figures and 3 tables.

ASSOCIATION: Nauchno-issledovatel'skaya laboratoriya kombinata Apatit
(Scientific Laboratory of the Apatit Combine)

AVAILABLE: Library of Congress
Card 2/2 1. Mines-Improvement

25(5)
AUTHOR:

Shevchenko, N. V.

SOV/64-59-2-16/23

TITLE:

Exchange of Views (Obmen opytom). Completion of the Guided
Cave-in of Levels by Mine Explosions (Sovershenstvovaniye
prinuditel'nogo etazhnogo obrusheniya minnymi zaryadami)

PERIODICAL:

Khimicheskaya promyshlennost', 1959, Nr 2, pp 174-177 (USSR)

ABSTRACT:

The new Seven-year Plan provides a triple increase in the production of fertilizers. Thus, by 1961 the production of apatite will be raised by the double in the Kombinat "Apatit". The best means of raising productivity is a completion of the mining system of the individual levels. Since 1954 experiments have been made at the main enterprise of the Kombinat, the rudnik imeni S. M. Kirova (Mine imeni S. M. Kirov) of introducing a new mining system by increasing the height of the lower sublevels and by laying the mines at larger distances from each other (Fig.). The experiments made from 1954-1955 led to this new mining system. Further investigations carried out at the nauchno-issledovatel'skaya laboratoriya kombinata "Apatit" (Scientific Research Laboratory of the Kombinat "Apatit") (1954-1957) with the participation of the author of the present paper for the determination of the efficiency

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Exchange of Views. Completion of the Guided Cave-in
of Levels by Mine Explosions SOV/64-59-2-16/23

of this new mining system yielded satisfactory results (Table 1 - data on the technical-economic values for different periods and positions of the mines). By raising the sublevels the amount of ore to be crushed a second time is reduced to less than 18-30%, the average size of the ore pieces is practically the same (700-750 mm), and the working losses are reduced to 17.5-24%. A considerable improvement may be seen from the survey of the output of the mine for 1953-1958 (Table 2) so that in the described mining system with sublevels of a height of 12 m, better results were obtained than with heights of 6-7 m, and the working danger was reduced by a simultaneous explosion. The mining system described was introduced in 1956 also in the Yuksorskii rudnik kombinata "Apatit" (Yukspor Mine of the Kombinat "Apatit"). There are 1 figure, 3 tables and 3 Soviet references.

Card 2/2

SHEVCHENKO, N. V. Cand Tech Sci -- (diss) "Study of the effectiveness of
mine cutting by means of sublevels of increased height." Len, 1957.
16 pp (Min of Higher Education USSR. Len Order of Lenin and Order of Labor
Red Banner Mining Inst im Plekhanov, G. V.) 100 copies (KL, 11-58, 119)

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SHEVCHENKO, N.V.

Drift forced caving in Kirov mines; improvement of ore breaking.
Biul. TSIIF tavet. met. no. 21:6-11 '57. (MIRA 11:?)
(Mining engineering)

SHEVCHENKO, N.Ya., slesar'-mekhanik (g. Leningrad).

Ten suggestions for improving efficiency. Prom.koop. no.4:5-6
Ap '57. (MIRA 10:7)
(Shoe machinery)

SHEVCHENKO, N.Ya., monter signalizatsii, tsentralizatsii i blokirovki

Device for extracting rail struts. Avtom., telem.i sviaz' 4
no.1:28-29 Ja '60. (MIRA 13:4)

1. Lozovskaya distantsiya signalizatsii i svyazi Yuzhnay
dorogi. (Electric lines—Poles)

M.

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15568

Author : N.Ya. Shevchenko

Inst : Odessa Hydrometeorological Institute.

Title : Means of Combatting the Windfall of Millet.
(Mery bor'by a vetrovalom prosa).

Orig Pub : Tr. Odessk. gidrometeorol. in-ta, 1957, vyp. 11, 79-81

Abstract : The principles are examined which underlie the windfall of millet, together with means of combatting this phenomenon in arid districts. In the author's the chief cause of millet windfall is the shallow bedding of seeds, as a result of which the plants cannot develop secondary root systems when dry conditions are prevalent during the period from sowing to tillering.

Card 1/2

COUNTRY : USSR
 SUBJECT : Soil Science. Tillage. Amelioration. Erosion

ADDRESS : Inst. Zemle-Koljagiya, No. 5, 1959, N. 26087

AUTHOR : Shevchenko, N.Ya.
 INST. : Odessa Hydrometeorological Institute
 TITLE : Significance of Correct and Timely Cultivation
 of Black Fallow Lands as Related to Accumula-
 tion and Conservation of Soil Moisture and to *

ORIG. PUB.: Tr. Odessk. gidrometeorol. in-ta. 1957, vyp.
 11, 83-96

ABSTRACT : Three years of field experiments at the
 Odessa Experiment Station showed that fall
 plowing increases soil moisture reserves by
 20.4 min. as compared with a non-plowed field.
 If the soil is flooded or becomes compacted
 or needs fertilizing it may be re-plowed in
 early spring. Deep disturbance of fallow
 lands in the middle or end of summer lowers
 the yield of winter crops by as much as
 5 centners/ha. To conserve soil moisture

* the Increase of Winter Crop Yield in

CARD : Southern Ukraine
 1/2

*1

ABS. NUMBER

AUTHOR : Shevchenko, N. Ya.
 INST. : Odessa Hydrometeorological Institute
 TITLE : Influence of Temperature Conditions on the Growth
 and Development of Rice. APPROVED FOR RELEASE 08/23/2000 CIA-RDP86-00513R001549210009-0

ORIG. PUB. : Tr. Odessk. gidrometeorol. in-ta. 1957, vyp. 11, 97-114

ABSTRACT : Varieties of upland rice are more demanding in regard to
 temperature conditions than the varieties of flood plain
 rice. Low temperatures in the blossoming period of these
 varieties lead to excessive kerneling and even sterility
 of the particles. Evaluation of individual varieties of
 rice according to their requirements to temperature condi-
 tions is very important in the advancement of this crop
 to more northerly regions.

Card: 1/1

USSR / Cultivated Plants. Grains. Legumes. Tropical M-1
Cereals.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6241

Author : Shevchenko, N. Ya.

Inst : Odessa Hydrometeorological Institute

Title : Formation of Rice Varieties

Orig Pub : Tr. Odess. gidrometeorol. in-ta, 1958, vyp 16,
121-126

Abstract : Experiments, carried out in 1955-1957, on the action of low temperatures on germinating seeds of rice of White SKOMS, LKVR, Golden sprouts and other varieties showed that the lowering of temperature caused a change in coloration of the rice seed vessel. It also increased its glassiness and produced a change in its taste. The action caused by cold was accompanied during

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USSR / Cultivated Plants. Grains. Legumes. Tropical M-1

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R001549210009

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6241

the experiments by a rigid water regime in the period of vegetation. It brought about the creation of more cold and drought resistant forms. The new Bezostyy 290 variety was the most cold resistant among them. -- Ye. I. Saks

Card 2/2

SHEVCHENKO, N.Ya.

Temperature requirements of Sudan grass during the period between
sowing and sprouting. Trudy OGMI no.22:9-12 '60. (MIRA 14:10)
(Sudan grass) (Phenology)

SHEVCHENKO, N.Ya.

Agrometeorological factors determining the sowing time of Sudan
grass. Trudy OGMI no.22:13-22 '60. (MIRA 14:10)
(Sudan grass) (Planting time)

L 25693-66	EWT(1)/EWT(m)/T/EWP(t)/EWP(k)	IJP(c)	JD
ACC NR: AP6002708	SOURCE CODE: UR/0056/65/049/006/1715/1717		
AUTHOR: Bezuglyy, P. A.; Fil', V. D.; Shevchenko, O. A.			
ORG: Physicotechnical Institute of Low Temperatures, Academy of Sciences UkrSSR (Fiziko-tehnicheskiy institut nizkikh temperatur Akademii nauk UkrSSR) 78 B			
TITLE: Nonlinear effects in the absorption of ultrasound in superconducting indium			
SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 49, no. 6, 1965, p. 1715-1717			
TOPIC TAGS: ultrasonic absorption, indium, superconductivity, critical point, crystal dislocation phenomenon, single crystal, magnetic field, crystal anisotropy			
ABSTRACT: In view of new self-absorption mechanisms recently discovered to operate in the superconducting state (R. E. Love and R. M. Show, Rev. Modern Phys. v. 36, 260, 1964) wherein a strongly marked nonlinearity appears in the sound absorption below the critical temperature, the authors report observation of similar effects in indium. The absorption of longitudinal sound at frequencies 115, 160, and 210 Mc/sec was investigated in single crystals of indium with orientations (100), (110), and (111). The crystals were prepared by the procedure of YU. V. Sharvin and V. F. Gantmakher. (PTE, No. 6, 165, 1963). The measurements were made at temperatures 4.2--1K. The observed dependence of the absorption of the ultrasonic wave on the amplitude of the sound field disappeared when a magnetic field sufficiently strong to destroy superconductivity was applied. An analysis of the data shows the results to be in qualitative			
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